

TO/ET/4
CE879 U.S.P.T.O.
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
REQUEST FOR FILING NEW UTILITY PATENT APPLICATION UNDER 37 CFR 1.53(b)
(Case No. **RA043D2C15**)

J1040 U.S.P.T.O.
09/835263
04/13/01


To the Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. §1.53(b) is a new utility patent application for:

Title: INTEGRATED CIRCUIT I/O USING A
HIGH PERFORMANCE BUS INTERFACE

Inventors: Michael Farmwald
Mark Horowitz

This application is a **CONTINUATION APPLICATION** of:

Inventors: Michael Farmwald
Mark Horowitz

Ser. No.: 09/545,648

Art Unit: 2181

Filed: April 10, 2000

Examiner: G. Auve'

Title: System Having Double Data Transfer Rate and Integrated
Circuit Therefor

To effect the above-requested filing today:

1. Attached is a copy of the prior application as originally filed, including:

- Specification, Claims, and Abstract (125 pages)
- Drawings: 1 set of **formal** drawings having 14 sheets
- Original Declaration and Power of Attorney (2 pages)

2. Incorporation by Reference: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

3. A Power of Attorney to Neil A. Steinberg, Reg. No. 34,735 has previously been provided in Application Serial No. 09/545,648 and a copy is attached hereto. That Power of Attorney also revokes all other powers of attorney. Accordingly, kindly address all future communications to:

Neil A. Steinberg, Esq.
Rambus Inc.
4440 El Camino Real
Los Altos, California 94022

Telephone No. 650-947-5325
Facsimile No. 650-947-5001

4. The Examiner's attention is directed to both the second paragraph of guideline (2) in MPEP 609 and to the last paragraph of MPEP 2001.06(b) and to the submission in the prior application of the Information Disclosure Statements and document copies filed in Application Serial Nos. 09/161,090 and 09/545,648.
5. Attached is a **PRELIMINARY AMENDMENT** which, among other things, cancels claims 1-150, and adds new claims 151-198. This Preliminary Amendment is to be entered **BEFORE** fee calculation.

6.

FILING FEE

(BASED ON THE NUMBER OF CLAIMS AS FILED AND CHANGED BY PRELIMINARY AMENDMENT)

Basic Fee . \$ 710.00

Additional Fees:

Surcharge for more than 20 total claims (28 * \$17) \$ 476.00

Surcharge for more than 3 independent claims (1 * 80) \$ 80.00

Surcharge for multiple dependent claims \$ - 0 -

Total Filing Fee . \$ **1266.00**

7. Manner of Payment:

- A check payable to the Commissioner of Patents and Trademarks, in the amount of \$_____ is enclosed as payment of the Total Filing Fee.
- Please charge my Deposit Account No. 50-0998 in the amount of \$1266.00 to cover the above fees. A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 50-0998. A duplicate copy of this sheet is enclosed.

Respectfully submitted,



Neil A. Steinberg
Reg. No. 34,735
650-947-5325

Date: April 12, 2001

TO/ET/40
OTR SCAN 6485

4-16-01 A
EXPRESS MAIL CERTIFICATE OF MAILING

Express Mail" mailing label number: EK475091536US

Date of Deposit: April 13, 2001.

I hereby certify that I am causing the paper(s) and/or fee(s) indicated below to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that the paper(s) and/or fee(s) have been addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Michiko Sites

(Typed or printed name of person mailing paper(s) or fee(s))

Michiko Sites

(Signature of person mailing paper or fee)

April 13, 2001

(Date signed)

SCANNED, #

Serial/Patent No.: Not Assigned Yet

Filing/Issue Date: Herewith

Title: Memory Device Having A Programmable Register (as Amended)

Date Mailed: April 13, 2001

Atty. Docket No.: RA043D2C15

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- Amendment/Response (pgs.)
- Preliminary Amendment (31 pgs.+4 pgs.)
- Application - Utility (pgs., with cover and abstract)
- Application - Rule 1.53(b) Continuation (125 pgs.+1 pg.)
- Application - Rule 1.53(b) Divisional (pgs.)
- Application - Rule 1.53(b) CIP (pgs.)
- Application - Rule 1.53(d) CPA (pgs.)
- Application - PCT (pgs.)
- Application - Provisional (pgs.)
- Drawings (14 sheets)
- Declaration & POA (2 pgs.)
- Assignment & Cover Sheet
- Power of Attorney
- Other Cross Reference Under 37 C.F.R. Sec.1.78
- Request to Approve Drawing Changes (4 pgs.)
- Petition for Extension of Time (month(s))
- Information Disclosure Statement & PTO 1449
- Issue Fee Transmittal
- Submission of Formal Drawings
- Notice of Appeal
- Appeal Brief (pgs. in triplicate)
- Reply Brief
- Response to Notice of Missing Parts
- Transmittal Letter (in duplicate)
- Fee Transmittal (in duplicate)
- Itemized Postcard
- Certificate of Mailing
- Express Mail No. EK475091536US

04-16-01

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Michiko Sites

(Typed or printed name of person mailing paper(s) or fee(s))

Michiko Sites

(Signature of person mailing paper or fee)

April 13, 2001

(Date signed)

7/14

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. RA043D2C15)

In the Application of:)
FARMWALD ET AL.)
Serial No: Continuation of 09/545,648)
Filed: Herewith)
Title: MEMORY DEVICE HAVING A)
PROGRAMMABLE REGISTER (As Amended))

Assistant Commissioner for Patents
Washington, DC 20231

REQUEST TO APPROVE DRAWING CHANGES

Dear Sir:

Attached hereto is new Figure 16. Figure 16 illustrates the internal registers which reside in each device illustrated in Figure 2. This embodiment is described in the specification at page 14, lines 3-21 and page 53 lines 4-21. No new matter has been added.

Applicants seek to amend Figure 10 to more fully reflect the discussion in the specification, specifically, page 55, line 12-16 and page 58, lines 13-23. Also attached, is a photocopy of Figure 10 with the proposed changes indicated in red. No new matter has been added.

Applicants respectfully request that the proposed new Figure 16 be approved by the Examiner. Applicants also respectfully request approval of the proposed changes to Figure 10. A new Figure 10 which incorporates the changes is also attached hereto.

Respectfully submitted,


Neil A. Steinberg
Reg. No. 34,735
650-947-5325

Date: April 12, 2001